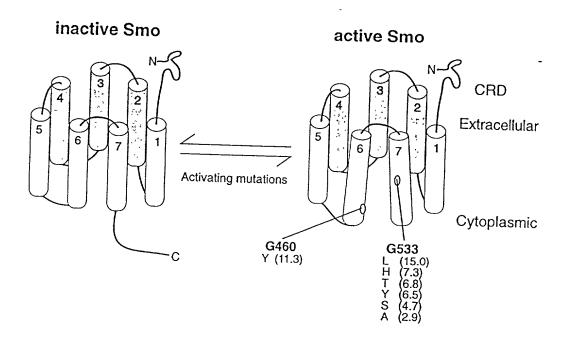
1
$$[R] \rightleftharpoons [R^*]$$

2 $[R] \rightleftharpoons [R^*] + [A] \rightleftharpoons [R^*A]$
3 $[IR] \rightleftharpoons [I] + [R] \rightleftharpoons [R^*] + [A] \rightleftharpoons [R^*A]$
4 $[R^a] \rightleftharpoons [R^a^*]$
5 $[IR^a] \rightleftharpoons [I] + [R^a] \rightleftharpoons [R^a^*]$
6 $[R^*] + [D] \rightleftharpoons [R^*D]$
 \downarrow signal

Figure 1

Figure 2



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